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EXAMINER

CORNET, JEAN P

ART UNIT

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

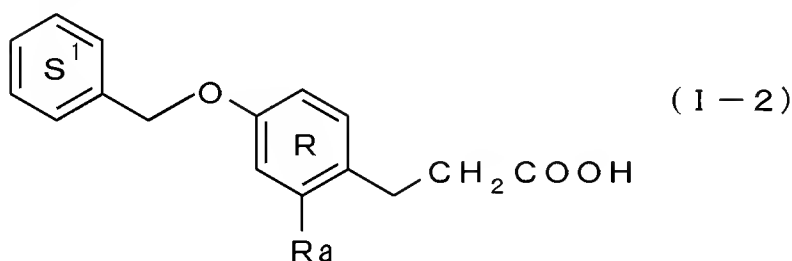
The time period for reply, if any, is set in the attached communication.

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DETAILED ACTION

This supplemental action allows for correcting minor errors in the Examiner amendment of 01/31/2011. These minor errors are demonstrated with “strikethrough” (i.e. delete) and “underline” represents the changes. :

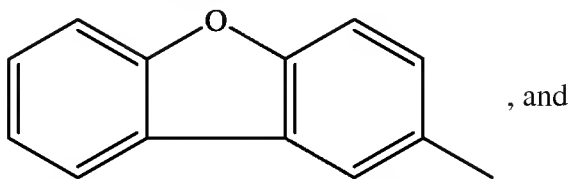
13. (amended) A compound represented by the formula



wherein ring ~~S~~ S¹ is a benzene ring having a substituent represented by the formula: R¹¹-E²-, wherein

R¹¹ is a phenyl group, an indanyl group or a naphthyl group, each optionally having substituent(s), and

E² is a bond or a spacer, and the spacer is represented by ~~-(CH₂)_m¹-W¹-(CH₂)_m²-~~ -(CH₂)_m¹-W¹-(CH₂)_m²-, wherein m¹ and m² are each an integer of 0 to 3, W¹ is -O-, ~~N(R²)~~-, N(R²)-, -S-, -CO- or -CO-N(R³)-, and R² and R³ are each a hydrogen atom or a C₁₋₆ alkyl group, or R¹¹ forms, together with E² and ring S¹,

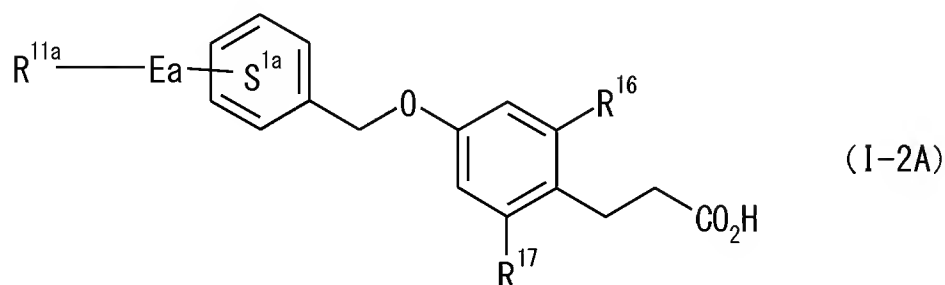


ring S¹ optionally has additional substituent(s) in addition to R¹¹-E²-, said additional substituent(s) selected from the group consisting of an optionally substituted C₁₋₆ alkyl group, an optionally substituted C₁₋₆ alkoxy group, a halogen atom and a C₇₋₁₆ aralkyloxy group; ring R is a phenylene group optionally having substituent(s) selected from the group consisting of a C₁₋₆ alkyl group, a halogen atom, a C₁₋₆ alkoxy group and a hydroxy group; and

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Ra is a hydrogen atom, a halogen atom, a C₁₋₆ alkyl group or a ~~C₁₋₆ alkoxy group~~ C₁₋₆ alkoxy group; or a salt thereof.

16. (amended) A compound represented by the formula



wherein R^{11a} is a phenyl group having 1 or 2 substituents, Ea is a bond, an oxygen atom or an optionally substituted methylene, ring ~~S¹~~ S^{1a} is a benzene ring optionally having substituent(s) selected from an optionally substituted C₁₋₆ alkyl group, an optionally substituted C₁₋₆ alkoxy group and a halogen atom, and R¹⁶ and R¹⁷ are the same or different and each is a hydrogen atom, a halogen atom, a C₁₋₆ alkyl group or a C₁₋₆ alkoxy group; or a salt thereof.

22. (amended) The compound or salt of claim 13, wherein the optional substituent of ring S¹ is a C₁₋₆ alkyl group.

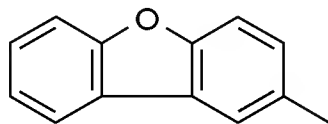
23.(amended) The compound or salt of claim 13, wherein ~~R¹¹~~ R¹¹ is a phenyl group or an indanyl group, each optionally having substituent(s) selected from the group consisting of a halogen atom, a nitro, a carboxy, an optionally halogenated C₁₋₆ alkyl, a hydroxy- C₁₋₆ alkyl, a carboxy- C₁₋₆ alkyl-carbonylamino- C₁₋₆ alkyl, an optionally halogenated C₁₋₆ alkoxy, a C₆₋₁₄ aryl, a C₆₋₁₄ aryloxy and a C₇₋₁₆ aralkyloxy,

E² is a bond, ~~-O-~~, -O-, -CH₂-O-, -CO-, -CONH-, -N(CH₃)CH₂-, -S-CH₂- or -C=C-,

ring S¹ optionally has an additional substituent which is a C₁₋₆ alkyl group, or

R¹¹ ~~forms,~~ forms, together with E² and ring S¹,

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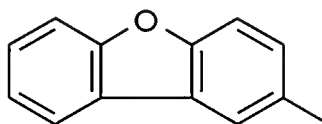
ring R is a phenylene group optionally further having a C₁₋₆ alkyl group, and
~~R~~ R_a is a hydrogen atom.

39. (amended) The compound or salt of claim 13, wherein R¹¹ is a phenyl group or an indanyl group, each optionally having substituent(s) selected from the group consisting of a halogen atom, a nitro, a carboxy, an optionally halogenated ~~C₁₋₆ alkyl~~ C₁₋₆ alkyl, a hydroxy-C₁₋₆ alkyl, a carboxy-C₁₋₆ alkyl-carbonylamino-C₁₋₆ alkyl, an optionally halogenated C₁₋₆ alkoxy, a C₆₋₁₄ aryl, a C₆₋₁₄ aryloxy and a C₇₋₁₆ aralkyloxy;

E² is a bond, -O-, or -CH₂-O;

ring S¹ optionally has a C₁₋₆ alkyl group;

or R¹¹ forms, together with E² and ring S¹,



~~Ring~~ ring R is a phenylene group optionally having a C₁₋₆ alkyl group; and
~~R_a~~ R_a is a hydrogen atom.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JEAN CORNET whose telephone number is (571)270-7669. The examiner can normally be reached on Monday-Thursday 7.00am-5.30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Brandon Fetterolf can be reached on 571-272-2919. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/JC/

/Timothy P Thomas/
Primary Examiner, Art Unit 1628